

Appendix table 5-34.

Estimates of number of academic doctoral researchers and graduate research assistants, by field of degree or study: 1973–99

Year	Total S&E	Physical sciences	Mathematics	Computer science	Earth, atmospheric, and ocean sciences	Life sciences	Psychology	Social sciences	Engineering
Academic doctoral researchers plus graduate research assistants									
1973	118.2	22.6	7.5	0.7	5.1	35.5	9.2	18.3	19.4
1975	130.6	23.3	8.1	0.7	5.6	40.3	10.7	21.7	20.0
1977	128.7	23.1	7.6	0.7	6.1	41.8	10.0	18.7	20.7
1979	139.0	23.2	7.7	0.9	6.3	47.5	10.8	19.9	22.6
1981	153.4	24.9	7.6	1.4	6.7	53.4	12.8	22.8	23.9
1983	159.6	25.2	8.0	1.8	6.8	54.8	13.5	22.8	26.7
1985	176.2	28.0	8.6	2.7	7.4	59.3	13.8	26.0	30.4
1987	214.2	31.9	10.8	3.8	8.2	69.0	17.5	34.0	39.0
1989	230.7	33.2	11.5	4.6	9.1	75.0	18.1	36.7	42.2
1991	241.8	33.0	12.1	5.3	9.5	79.1	19.9	37.9	45.0
1993	240.3	32.3	10.9	5.8	9.7	79.8	19.5	36.7	45.4
1995	243.4	32.4	10.9	6.3	9.8	83.1	20.2	35.3	45.5
1997	252.7	33.1	11.5	6.4	9.9	86.5	20.9	36.5	47.8
1999	259.4	32.9	11.2	7.5	10.0	89.8	22.0	38.1	48.1
Academic doctoral researchers									
1973	82.3	16.3	6.8	0.0	2.5	26.0	7.3	14.3	9.0
1975	90.6	16.9	7.5	0.0	2.8	29.0	8.5	16.9	9.0
1977	85.0	16.3	6.8	0.0	2.9	28.7	7.7	13.8	8.9
1979	90.0	15.4	6.9	0.1	2.7	32.1	8.3	14.7	9.8
1981	100.7	16.3	6.8	0.3	3.2	37.1	9.9	17.6	9.5
1983	104.7	16.1	7.2	0.4	3.3	38.3	10.5	17.8	11.2
1985	115.2	17.7	7.6	0.6	3.7	41.4	10.7	20.9	12.5
1987	144.0	20.3	9.7	1.0	4.6	48.8	14.3	28.5	16.8
1989	151.6	20.8	10.2	1.3	4.9	51.8	14.3	30.5	17.6
1991	156.6	20.8	10.7	1.7	5.1	53.3	15.7	31.1	18.2
1993	150.1	20.0	9.5	2.0	5.0	51.8	14.9	29.3	17.5
1995	153.5	20.6	9.4	2.4	5.1	53.8	15.6	28.1	18.5
1997	164.7	21.8	10.1	2.4	5.6	57.9	16.1	29.8	20.9
1999	168.1	21.6	9.9	2.6	5.7	60.8	17.2	30.9	19.4
Graduate research assistants									
1973	35.9	6.3	0.7	0.7	2.6	9.5	1.9	4.0	10.4
1975	40.0	6.4	0.6	0.7	2.8	11.3	2.2	4.8	11.0
1977	43.7	6.8	0.8	0.7	3.2	13.1	2.3	4.9	11.8
1979	49.0	7.8	0.8	0.8	3.6	15.4	2.5	5.2	12.8
1981	52.7	8.6	0.8	1.1	3.5	16.3	2.9	5.2	14.4
1983	54.9	9.1	0.8	1.4	3.5	16.5	3.0	5.0	15.5
1985	61.0	10.3	1.0	2.1	3.7	17.9	3.1	5.1	17.9
1987	70.2	11.6	1.1	2.8	3.6	20.2	3.2	5.5	22.2
1989	79.1	12.4	1.3	3.3	4.2	23.2	3.8	6.2	24.6
1991	85.2	12.2	1.4	3.6	4.4	25.8	4.2	6.8	26.8
1993	90.2	12.3	1.4	3.8	4.7	28.0	4.6	7.4	27.9
1995	89.9	11.8	1.5	3.9	4.7	29.3	4.6	7.2	27.0
1997	88.0	11.3	1.4	4.0	4.3	28.6	4.8	6.7	26.9
1999	91.3	11.3	1.3	4.9	4.3	29.0	4.8	7.2	28.7

NOTE: Graduate research assistants are full-time graduate students with research assistantships as their primary mechanism of support. Academic doctoral researchers are headcounts of those with research as primary or secondary work activity. Foreign-earned doctorates are excluded.

SOURCES: National Science Foundation, Division of Science Resources Statistics (NSF/SRS), Survey of Doctorate Recipients and Survey of Graduate Students and Postdoctorates in Science and Engineering.

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See figure 5-29.